

REMARKS

Claims 32-47 are pending in the application. Claims 32-47 stand rejected. Claims 32-36, 39, 40-44, and 47 are hereby amended. Claims 37 and 45 are canceled. The applicant respectfully requests consideration of the following remarks and allowance of claims 32-36, 38-44, and 46-47.

New Matter Objections and 35 U.S.C. § 112 Rejections

Claims 33-37 and 41-45 are objected to as adding new matter. Claims 33-37 and 41-45 also stand rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. Claims 33-36 and 41-44 have been amended. Claims 37 and 45 have been canceled. No new matter has been added. The objections and rejections should be withdrawn accordingly.

35 U.S.C. § 102(b) Rejection

Claims 32-47 stand rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Patent No. 6,072,784 (Argrawl). The applicant respectfully disagrees for at least the following reasons. The examiner is kindly requested to reconsider the rejection.

A clean version of amended claim 32 is reproduced for convenience as follows.

A wireless communication system comprising:

a network transceiver configured to:

receive a unicast signal;

receive a multicast signal;

process the first unicast signal to generate a first wireless radio frequency (RF) signal

modulated with the unicast signal;

process the multicast signal to generate a second wireless RF

signal modulated with the multicast signal; and

simultaneously transmit the first wireless RF signal and the second

wireless RF signal via a plurality of non-multiplexed channels; and

a subscriber unit configured to simultaneously receive the first wireless RF signal

and the second wireless RF signal, demodulate the first wireless RF signal into the unicast signal,

demodulate the second RF signal into the multicast signal, multiplex the unicast signal and the multicast

signal onto a local network for delivery of the unicast signal to a first device on the local network and

delivery of the multicast signal to the first device and a second device on the local network.

Independent claim 32 describes, in part, a network transceiver processing a unicast signal and a multicast signal to generate a first and second RF signals modulated with the unicast and multicas signals respectively. The first and second RF signals are transmitted simultaneously on non-multiplexed channels. A subscriber unit receives the first and second RF signals simultaneously, demodulates the signals, and multiplexes the unicast and multicast signals onto a local network for delivery to a first and second device.

Argrawl fails to disclose a subscriber unit that receives first and second RF signals on non-multiplexed channels simultaneously, as required by claim 32. Rather, Argrawl discloses mobile stations that can transmit data on an uplink channel at the same time as receiving data on a downlink channel (Argwal, col. 10, lines 15-30). However, Argrawl does not disclose that the mobile stations receive data on multiple downlink channels *simultaneously*, as recited by claim 1. Moreover, Argrawl does not disclose that the mobile stations receive data non *non-multiplexed* downlink channels, as further recited by claim 1.

Lastly, Argrawl also fails to disclose any of the mobile devices demodulating multiple RF signals into a unicast and multicast signal and multiplexing the unicast and multicast signal onto a local network for delivery to multiple devices, as recited by claim 1. Rather, the mobile stations disclosed in Argrawl communicate with other devices via the base station, but do not communicate with any local networks.

For the aforementioned reasons, claim 32 is allowable over Argrawl. Claim 40 contains limitations similar to those of claim 32 and is therefore also allowable over Argrawl.

The remaining dependent claims, while separately allowable, depend from otherwise allowable independent claims. The applicant therefore refrains from a discussion of the remaining dependent claims for the sake of brevity.

CONCLUSION

Based on the above remarks, the Applicant submits that claims 32-36, 38-44, and 46-47 are allowable. Additional reasons in support of patentability exist, but such reasons are omitted in the interests of clarity and brevity. The Applicant thus respectfully requests allowance of claims 32-36, 38-44, and 46-47.

The Applicant hereby authorizes the Office to charge Deposit Account No. 21-0765 the appropriate fee under 37 C.F.R. § 1.114 for the Request for Continued Examination filed herewith, and the fee under 37 C.F.R. § 1.17(a)(4) for a four-month extension of time. The Applicant believes no additional fees are due with respect to this filing. However, should the Office determine additional fees are necessary, the Office is hereby authorized to charge Deposit Account No. 21-0765.

Respectfully submitted,

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